

19980219.ba v01_n930.bam.980219

>From ???@??? Fri Feb 20 01:00:29 1998
Message-Id: <199802200446.WAA09610@sco.theporch.com>
Date: Thu, 19 Feb 1998 22:46:15 CST
Subject: BOATANCHORS digest 1930

BOATANCHORS Digest 1930

Topics covered in this issue include:

- 1) WTB:B-K 700 Manual
by Hadley Allhands <had@halcyon.com>
- 2) FS: Cute Lil' BA Scope & TTY Manuals
by rlahlum@juno.com (Ross J Lahlum)
- 3) RCA Tube manuals question
by "Chuck O'Neal" <coneal@ultranet.com>
- 4) Re: A keymaker!
by Bob/WB0AUQ <brainbol@lawrence.ks.us>
- 5) Hy-Gain 8908 Tubes
by "Jim Zellmer" <zellmer@raccoon.com>
- 6) Re: Looking for Heath paint..
by Dick Dillman <ddillman@igc.apc.org>
- 7) Re: RCA Tube manuals question
by Scott Robinson <spr@earthlink.net>
- 8) Hot Xfmr cure
by "Don L. Davis" <dxguy@earthlink.net>
- 9) Re: Greenkeys night
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 10) WTD: Swan 508 VFO
by ARONGV@aol.com
- 11) FIRST R-390A CD-ROM
by Terry Muncy <Terry@electrosys.com>
- 12) Need TeeDee (60wpm)
by "Paul Bernhard Sr." <w2tu@email.msn.com>
- 13) BA Info Source
by Nick England <nick@cs.unc.edu>
- 14) RAK Loop ant system
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 15) Lend-Lease Pix in QST
by Spencer Petri <spetri@e-tex.com>
- 16) WTB: G-R Stuff
by Sandy W5TVW <ebjr@worldnet.att.net>
- 17) WTS(wap): summary of debris to swap, can meet at Dalton GA fest on 28th
by "Bob Duckworth" <wb4mnf@atl.org>
- 18) Vienna Winterfest
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 19) GE Loband MasterPro to 6 mtr SSB

by Spencer Petri <spetri@e-tex.com>
20) Wanted: TU-5B tuning unit
by "Marll McDonald, InfoDesign, DTN 223-6882" <m_mcdonald@meta.ENET.dec.com>
21) Vienna Hamfest: FS: R390(NON-A)
by dave metz <metzd@cfw.com>
22) Re: Good news/Bad news/AX9909
by Eugene Rippen <soundval@foothill.net>
23) BA meeting at Vienna,VA. hamfest
by oranges@Frb.GOV
24) Thanks All..Re: Looking for Heath paint..
by stever@cybercomm.net (Stephan Rashkin)
25) Info and schematic needed
by JONWEINER@aol.com
26) Re: WTB W.S. 19 connectors
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
27) Which Scope?
by jkh@lexis-nexis.com (John Heck)
28) Re: Good news/Bad news/AX9909
by gpewitt@execpc.com
29) SB-101 Saga Ending
by "Allan D. Fritsche" <fritsche@email.msn.com>
30) Re: Which Scope?
by "Arden Allen" <aallen@sirius.com>
31) Re: SB-101 Saga Ending
by "Arden Allen" <aallen@sirius.com>
32) Help with Hickok settings please
by Ken Brookner <brooknerk@acm.org>
33) Best AX-9909 Equivalent 809 Sub
by "." <rau@wco.com>
34) Re: Which Scope?
by Henry van Cleef <vancleef@netcom.com>

Date: Wed, 18 Feb 1998 19:56:00 -0800
From: Hadley Allhands <had@halcyon.com>
To: boatanchors@theporch.com
Subject: WTB:B-K 700 Manual
Message-ID: <199802190355.TAA31063@smtp4.nwnexus.com>

Hi Everybody,

Looking for manual and schematics for the B-K 700 Tube Tester. Good copy OK.

Thanks
Hadley, K7MLR
had@halcyon.com

Date: Wed, 18 Feb 1998 22:02:38 -0600
From: rlahlum@juno.com (Ross J Lahlum)
To: boatanchors@theporch.com, baswaplist@foothill.net
Subject: FS: Cute Lil' BA Scope & TTY Manuals
Message-ID: <19980218.220239.3150.0.rlahlum@juno.com>

RCA WO-33A in good condition, works fine.
These scopes were widely used in broadcast stations.
Nice & small for a BA, abt 10-12" x 6-1/2" x 9"
\$35.00 plus shipping from 60056

Two-volume Teletype Technical Manual, 33 Teletypewriter Sets
\$Make Offer

73,
Ross Lahlum
rlahlum@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 18 Feb 1998 23:31:03 -0500
From: "Chuck O'Neal" <coneal@ultranet.com>
To: "'BOATANCHORS LIST POST'" <boatanchors@sco.theporch.com>
Subject: RCA Tube manuals question
Message-ID: <01BD3CC5.4BF03820@d143.dial-4.cmb.ma.ultra.net>

Anyone know what the "RC" number of the last RCA tube manual is?
The last one I have is RC-30 (1975) but I suspect that there may be a later
one. If there is a later one, anyone have an extra to sell to me?

Thanks!!

Chuck...K1KW

Date: Wed, 18 Feb 1998 22:39:31 -0600
From: Bob/WB0AUQ <brainbol@lawrence.ks.us>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: A keymaker!
Message-ID: <34EBB783.19F0@lawrence.ks.us>

Bobbi,
Guess I missed the discussion on Llaves Telegrafica Artesanas webpages.
Can you pass along the URL please?

--

73,

Bob/WB0AUQ AMI #213 FISTS #1905
emailto:brainbol@lawrence.ks.us

Date: Wed, 18 Feb 1998 23:03:36 -0600
From: "Jim Zellmer" <zellmer@raccoon.com>
To: "boatanchors digest" <boatanchors@sco.theporch.com>
Subject: Hy-Gain 8908 Tubes
Message-ID: <031701bd3cf3\$e8ff3200\$09865aa5@Pzellmer.raccoon.com>

This is a multi-part message in MIME format.

-----=_NextPart_000_0310_01BD3CC1.71582A40
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I picked up a pair of Hy Gain 8908 tubes at a recent ham fest. They are =
some type of sweep tube. I have looked in my ARRL handbooks, but have =
not been able to find the specifications for the 8908. Can any one pass =
along some information on these tubes. They are a NOS matched pair and =
wanting to be put to work.

TNX ES GOD BLESS U ES URS

73

Jim Zellmer, KA0VSL

-----=_NextPart_000_0310_01BD3CC1.71582A40
Content-Type: text/html;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

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<HTML>
<HEAD>

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<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT color=3D#000000 size=3D2>I picked up a pair of Hy Gain 8908 =
tubes at a=20
recent ham fest.&nbsp; They are some type of sweep tube.&nbsp; I have =
looked in=20
my ARRL handbooks, but have not been able to find the specifications for =
the=20
8908.&nbsp; Can any one pass along some information on these =
tubes.&nbsp; They=20
are a NOS matched pair and wanting to be put to work.</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 size=3D2>TNX ES GOD BLESS U ES =
URS</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 size=3D2>73<BR></FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2>Jim Zellmer, =
KA0VSL</FONT></DIV></BODY></HTML>
```

-----=_NextPart_000_0310_01BD3CC1.71582A40--

Date: Wed, 18 Feb 1998 21:07:48 -0800 (PST)
From: Dick Dillman <ddillman@igc.apc.org>
To: stever@cybercomm.net, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Looking for Heath paint..
Message-ID: <2.2.16.19980218210645.46f79cbe@pop.igc.org>

At 09:49 PM 2/18/98 -0500, Stephan Rashkin wrote:

>Friend of mine is looking for a small supply of Heath
>green touch up paint to match the front panel of his
>SB-221 linear amp..Anyone know of a source short
>of computer matching at paint store?

I believe R&R Designs has it. I've purchased Heath brown from them in a spray can and St. James Gray in a small bottle with brush. I'm satisfied with both and the proprietor was a pleasure to talk to. Give 'em a call at 800-327-4287.

73,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Wed, 18 Feb 1998 22:50:57 -0800
From: Scott Robinson <spr@earthlink.net>
To: coneal@ultranet.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RCA Tube manuals question
Message-ID: <34EBD651.43B9@earthlink.net>

Chuck and the gang,

The last RCA tube manual I know of is the RC-30.

Regards,

Scott Robinson
spr#earthlink.net

Date: Thu, 19 Feb 1998 00:08:05 -0800
From: "Don L. Davis" <dxguy@earthlink.net>
To: Boatanchors@theporch.com
Subject: Hot Xfmr cure
Message-ID: <34EBE84F.3E7A@earthlink.net>

Have had lots of trouble with hot transformers over the years (especially in under-rated early color TVs). Easy fix: Unscrew the mounting screws/bolts that attach it to the chassis, put 1/2 inch spacers between the chassis and the bottom of the transformer. Re-attach with original screws or longer if required. Allows much better airflow. If it mounts through the chassis (ie. one of the bells through, and the core and other bell above) this is great because air will flow from the cold underside around it. If it mounts totally above the chassis, holes can be NEATLY made under it to improve air flow (Unless it's a Collins or something valuable, I guess).

Enjoy 73ss don davis DXGUY@earthlink.net

Date: Thu, 19 Feb 1998 09:26:11 +0100
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: <ross@hypertools.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Greenkeys night
Message-ID: <199802190846.JAA24102@inet.uni2.dk>

Any interest in a Siemens T100 teleprinter ?
Excellent condition.
I will give it away for the cost of shipping.

73 Rag OZ8RO in Copenhagen

> GREENKEYS HINT - WD-40 works very well to rejuvenate dried-out TTY
print
> ribbons. Spray a bunch on the printer ribbon roll this evening and it'll
> soak through by Friday night and provide perfectly readable copy.
>
> 73
> Dave Ross KA6EPI ross@hypertools.com

Date: Thu, 19 Feb 1998 04:15:18 EST
From: ARONGV@aol.com
To: baswaplist@foothill.net, boatanchors@theporch.com
Subject: WTD: Swan 508 VFO
Message-ID: <aadb9d88.34ebf829@aol.com>

looking for a nice Swan 508 VFO and digital readout unit.

Ron W00IZ
arongv@aol.com

Date: Thu, 19 Feb 1998 07:09:14 -0600
From: Terry Muncey <Terry@electrosys.com>
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: FIRST R-390A CD-ROM
Message-ID:

<c=US%a=_ecs%p=ElectroSys%l=WEBMASTER-980219130914Z-80@webmaster.eletrosys.com>

The first technical reference manual for the venerable R-390A
communications receiver is now ready at
<http://www.electrosys.com/r390a.htm>

Check it out

Date: Thu, 19 Feb 1998 09:01:10 -0500
From: "Paul Bernhard Sr." <w2tu@email.msn.com>
To: <boatanchors@theporch.com>
Subject: Need TeeDee (60wpm)
Message-ID: <07df15801141328UPIMSSMTPUSR03@email.msn.com>

I operate the radio station aboard the display ship USS The Sullivans here
at the Buffalo Naval Park. (I'm retired and enjoy showing the visitors the
BA stuff, much of which is operating!) I use a couple of model 28's to print
out WW2 messages to pass out but I am missing a teedee to run the tape. I
have a typing reperf and a klienschmidt TD but the TD is 100 wpm and the
28's are 60 wpm. Does anyone have a 60 wpm tedee they would like to donate
to the station (tax deductible) or does anyone have a set of Kliendschmidt
60 wpm gears for my teedee? Be glad to pay reasonable shipping as soon as my
SS check comes in, HI!

You'd be suprised at the interest in the tape by our younger generation. (I
call tty tape the 40's floppy disk!)

Tnx

Paul Bernhard Sr. W2TU/NNN0GNB

w2tu@msn.com

Date: Thu, 19 Feb 1998 09:23:51 -0500 (EST)
From: Nick England <nick@cs.unc.edu>
To: boatanchors@theporch.com
Subject: BA Info Source
Message-ID: <199802191423.JAA23032@altair.cs.unc.edu>

Just a friendly reminder that I maintain a fairly extensive

"Boatanchors - Frequently Asked Questions" WWW page:
<http://www.cs.unc.edu/~nick/rrab.faq.htm>

You can find addresses for magazines, manual suppliers, parts and paint sources, surplus stores, as well as hints on restoration, good books to read, and pointers to other WWW resources.

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick/hobbies.html> Chapel Hill NC

Date: Thu, 19 Feb 1998 07:02:15 -0800
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
To: boatanchors@theporch.com
Subject: RAK Loop ant system
Message-ID: <2.2.16.19980219071809.0e471760@eitel.eimac.cpii.com>

I have the Loop coupling unit CNM 47367 , which is P/O the CNM 66096 Loop Ant Assy for the RAK receiver. Does anyone have any info ont this install. I am curious about the loop antenna that was used with this set. The loop antenna is a CNM 66097.

Thankyou
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@eimac.cpii.com

Date: Thu, 19 Feb 1998 11:33:06 -0600 (CST)
From: Spencer Petri <spetri@e-tex.com>
To: boatanchors@theporch.com
Subject: Lend-Lease Pix in QST
Message-ID: <199802191733.LAA24017@sco.theporch.com>

Greetings,

Lend-Lease, eh. Maybe the lease is up by now and surely they want to return anything they borrowed to us taxpayers.

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/626 Grids
.....
2 Mtr -- 36 States -- VUCC #346/183 Grids

Date: Thu, 19 Feb 1998 17:38:23 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: BASWAPLIST@FOOTHILL.NET, boatanchors@theporch.com,
glowbugs@piobaire.mines.uidaho.edu
Subject: WTB: G-R Stuff
Message-ID: <19980219173818.AAB5911@LOCALNAME>

Looking for someone who might have any of the following
General Radio gear:

G-R Decade capacitor 1412BC or older model.
G-R Standard Capacitors 1409F, 1409L, 1409T or what have you?

Anybody have any hanging around collecting dust?

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive
Metairie, LA., 70001

860 Hartley 'ECO' construction "on hold"**
*** Looking for a TRC-10 transceiver *****
*** Looking for an RAL receiver *****

Date: Thu, 19 Feb 1998 14:07:20 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "ba" <boatanchors@theporch.com>, "baswaplist" <baswaplist@foothill.net>,
"qrp" <qrp-l@lehigh.edu>, "vss" <vss@mlist.access.digex.net>
Subject: WTS(wap): summary of debris to swap, can meet at Dalton GA fest on 28th
Message-ID: <199802191755.MAA01493@atl.org>

It's been a while since swappin and wanted to mention
the hamfest...

Wants:

Drake R7A, R7, or complete 7 station incl R7A or R7.

LF adapter for Racal RA17

LF adapter for HR0500

Homebrew RX from basket case through complete, tube/SS/hybrid.

Johnson Navigator (meter need not work)

Late model commercial HF RX with DSP IF (WJ, Harris, ???)

2 x 56K packet modems and some UHF transverters. 900MHz preferred.

Have:

Johnson Adventurer

Halli KW station: SX101A/HT32B/HT33/HT37(for phasing fans)
with original manuals.

National CRR rack mount scope

KWM2A RE B&W rejection tuning PM2

Silicon Graphics Indigo2 Extreme with 20" monitor.

HP selective level meter model 3586B

NEW 4KVA sine wave inverters. 120VAC(60Hz)34Amps continous
output. Automatic changeover when power fails, 48VDC input. Two
of these will run my house!!! 97% efficiency! by Abacus Controls.

A bunch of additional debris to swap.

-bob
wb4mnf

Date: Thu, 19 Feb 1998 13:38:30 -0500 (EST)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: boatanchors@theporch.com
Subject: Vienna Winterfest
Message-ID: <Pine.SUN.3.91-FP.980219133538.4840A@cap1.capaccess.org>

Just a reminder that the Vienna Va. Winterfest is this Sunday.
This is usually a good fest. At the Community Center on Park St.,
Vienna Va.
Lon

Date: Thu, 19 Feb 1998 12:36:15 -0600 (CST)
From: Spencer Petri <spetri@e-tex.com>
To: boatanchors@listserv.tempe.gov
Subject: GE Loband MasterPro to 6 mtr SSB
Message-ID: <199802191836.MAA25542@sco.theporch.com>

Greetings,

Just finished sucessfully converting the above tx strip to a transverter.
Don't want to do a step by step but would assist anyone else interested if
needed. Going to do a Hibander for 2 mtrs next. The two are paired with a PS
and will be used mobile.

GL,

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/626 Grids
.....
2 Mtr -- 36 States -- VUCC #346/183 Grids

Date: Thu, 19 Feb 98 14:06:49 EST
From: "Marll McDonald, InfoDesign, DTN 223-6882" <m_mcdonald@meta.ENET.dec.com>
To: boatanchors@theporch.com
Cc: lcollinsma@aol.com, m_mcdonald@meta.ENET.dec.com
Subject: Wanted: TU-5B tuning unit
Message-ID: <9802191902.AA04621@us6rmc.mro.dec.com>

I'm posting this request for a friend. If you have one of these items
for sale, please contact Lew Collins directly at

LCollinsMA@aol.com (Near Boston, Mass.)

Marll McDonald
KB1AGM

I'm looking for a TU-5B tuning unit (companion to the BC-191/375 WWII aircraft transmitter); I'd even be interested in one that is not "complete".

Date: Thu, 19 Feb 1998 14:04:17 -0500
From: dave metz <metzd@cfw.com>
To: boatanchors@theporch.com
Subject: Vienna Hamfest: FS: R390(NON-A)
Message-ID: <2.2.32.19980219190417.0067f3ac@milo.cfw.com>

I will be at the Vienna fest with a nice R390. It works well, looks nice, but doesn't have the original meters or covers. There's nothing wrong operationally with this unit, I just don't need three and need the room. At this point, I would rather not ship this unit. \$295. Thanks.

73's
dave

Date: Thu, 19 Feb 1998 12:17:48 -0800
From: Eugene Rippen <soundval@foothill.net>
To: thompson@mindspring.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Good news/Bad news/AX9909
Message-ID: <34EC936C.2DBF@foothill.net>

David L. Thompson wrote:
The AX9909 has no direct equivalent.

I have a note that the AX9909 is a 6083.
Don't know where I got that info.

Gene

Date: Thu, 19 Feb 1998 14:06:45 -0500
From: oranges@Frb.GOV
To: boatanchors@sco.theporch.com

Subject: BA meeting at Vienna,VA. hamfest
Message-ID: <4ec82dd0@cclink.frb.gov>

Hello BA'ers,

The Boatanchors meeting at Vienna,VA. hamfest
is at 10:00 am, downstairs in the basement level.

See everyone there!

Thanks,

Fred
MESSAGE FOR PERSONAL USE NOT OFFICIAL USE

Date: Thu, 19 Feb 1998 14:24:12 -0500
From: stever@cybercomm.net (Stephan Rashkin)
To: boatanchors@theporch.com
Subject: Thanks All..Re: Looking for Heath paint..
Message-ID: <199802191924.0AA18808@raven.cybercomm.net>

Thanks everyone for information about obtaining BA
paints and also additional info about meter covers etc..
found some things that I even needed through R&R..

Thanks, 73
Steve, WA2NHZ

Steve Rashkin, WA2NHZ
Howell, New Jersey 07731

E-mail: stever@cybercomm.net

Date: Thu, 19 Feb 1998 14:51:44 EST
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: Info and schematic needed
Message-ID: <4643518.34ec8d52@aol.com>

It's a strange one, but looks like it was made for ham application. TELRAD Model 18A Frequency Standard, made by Frank E. Garner Co., Chicago. Small unit puts out 1Mhz, 100Khz and 10Hz signal. Painted olive drab, but not military. Any help - schematic - manual - other info, much appreciated.

Jon, K1VVC

Date: Thu, 19 Feb 1998 16:22:31 -0500 (EST)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: John J Mccarty <jmccarty@lucent.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTB W.S. 19 connectors
Message-ID: <Pine.A32.3.91.980219162142.37214A-100000@ppdu.nrl.navy.mil>

Colomar, Ltd in London England had some 2 months ago. They do mail order.

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Wed, 18 Feb 1998, John J Mccarty wrote:

>
>
> Greetings;
>
> Does anyone have any W.S.19 connectors (12 PT or dog-bone)
> that they would not mind parting with????
>
>

>
> Tnx + 73
>
>

> John McCarty
> n9hrt
> jmccarty@lucent.com
>
>
>

Date: Thu, 19 Feb 1998 17:05:29 -0500
From: jkh@lexis-nexis.com (John Heck)
To: boatanchors@theporch.com
Subject: Which Scope?
Message-ID: <199802192205.RAA28926@psc7128.lexis-nexis.com>

Folks,

I am not a scope person but I am determined to learn to use one. I do a lot of bench work on antique radios and would like to get to know how to use a scope. I have an opportunity to pick up a Tek from an old gentleman and have a choice of models. Given that I am on a learning curve, at the bottom, but want to end up with the most useful instrument for my purposes(BC and HF SW radio work), which one should I buy? The choices are: a Tek 564, a 549, a 535, or a 531. Thanks very much for your help.

Regards,

John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(937)865-7036(work)
jkh@lexis-nexis.com

Date: Thu, 19 Feb 98 18:22:20 PST
From: gpewitt@execpc.com
To: Old Tube Radios <boatanchors@theporch.com>, soundval@foothill.net
Subject: Re: Good news/Bad news/AX9909
Message-ID: <Chameleon.980219182402.gpewitt@execpc.com>

AES catalog shows them as the same. No price given.
I'll call tomorrow and find out. If you don't hear from me it will mean I died from shock.

-----Original Message-----

David L. Thompson wrote:

The AX9909 has no direct equivalent.

I have a note that the AX9909 is a 6083.
Don't know where I got that info.

Gene

-----End of Original Message-----

Name: Gary Pewitt N9ZSV/KT
6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223
414 355 8147 Home 414 297 4307 Work
E-mail: gpewitt@execpc.com
Date: 02/19/98
Time: 18:22:20

Date: Thu, 19 Feb 1998 19:06:20 -0600
From: "Allan D. Fritsche" <fritsche@email.msn.com>
To: <boatanchors@theporch.com>, <HEATH@LISTSERV.TEMPE.GOV>
Subject: SB-101 Saga Ending
Message-ID: <0bc574506011428UPIMSSMTPUSR04@email.msn.com>

Hello Gang, Boy did I waste a lot of time, chasing a neg to pos avc problem voltage in this SB-101.... Now we all know that the control grid on any tube in the IF stages has to have a negative voltage on it at all times...If it doesn't then you got a bad series cap to the grid or some thing wrong in the cathode circuit But i Never figured on this.

WELL, I lived and learned... with this SB-101. IT was the tube manufactor... Had an RCA for V3 , Joe Lutz's SB-101 Bullitent says NO NO NO RCA, only a GE... I said Bull S___. But guess what it did the trick....

I plugged 4 or more RCA 6Au6's and they all caused the s _ meter to dump...

Hope this helps some one... with the Sb-101, SB-102 and the HW-101/...
Your Friend Al
fritsche@msn.com
KD5CML

Date: Thu, 19 Feb 1998 17:32:40 -0800
From: "Arden Allen" <aallen@sirius.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Which Scope?
Message-ID: <199802200141.RAA07333@calimetrics.com>

Hi John;

> The choices are: a Tek 564, a 549, a 535, or a 531.

I have my favorite in that group. The 531. It's a large plugin mainframe 5 in crt 'scope. 15 MHz (whoops-15 Mc.). bandwidth. You will need a plugin. A CA plugin will be your best choice. It's easy to work on. No tubes running functions you will never use. Parts should not be too hard to come by (please comment experts).

Studying the manual and going through the calibration procedure will be a good learning experience. There's plenty of help out here if you get stuck.

Give your loved ones Gummy Bears
Arden Allen KB6NAX aallen@sirius.com

Date: Thu, 19 Feb 1998 17:36:26 -0800
From: "Arden Allen" <aallen@sirius.com>
To: "Old Tube Radios" <boatanchors@theporch.com>, <fritsche@email.msn.com>
Subject: Re: SB-101 Saga Ending
Message-ID: <199802200144.RAA07347@calimetrics.com>

> I plugged 4 or more RCA 6Au6's and they all caused the s _ meter to
> dump...

Sounds like that good Heathkit engineering.....

Give your loved ones Gummy Bears
Arden Allen KB6NAX aallen@sirius.com

Date: Thu, 19 Feb 1998 18:26:53 -0800

From: Ken Brookner <brooknerk@acm.org>
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: Help with Hickok settings please
Message-ID: <01BD3D63.F45AF420@brooknerk@acm.org>

I've just started going through a Drake R4B/T4X pair. I haven't had these on the air for the last 6 years or so. At that time the R4B had developed several annoying habits that I'd like to take care of now. Anyway, I wanted to start with making sure that none of the tubes are cratered.

I've got a Hickok 546 tester, but I don't have the settings for:

6BZ6
6EH5
6HS6

If someone could post the Hickok switch settings and mutual conductance value I'd really appreciate it. I'm also wondering if updated tube data info is available for these testers anywhere (well, one can dream...).

Thanks!

kenb

Ken Brookner N5LPI/7
brooknerk@acm.org
kenb@qatrix.panther.net

Date: Thu, 19 Feb 1998 20:37:54 -0800
From: "." <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Best AX-9909 Equivalent 809 Sub
Message-ID: <199802200441.UAA18911@shell.wco.com>

The best electrical equivalent for the AX-9909 is the 4X-150.

It is not a mechanical equivalent however.. it requires forced air cooling, had a screen connection on the side of the tube, and has a 6.0 volt filament not 6.3 volts.

Nevertheless.. in the Globe Champ Series of transmitters it is quite easy to build a small PA sub chassis which will be a bolt on replacement for the original pa sub chassis using Ax-9909s.

The rear of the tall U shaped PA enclosure can be walled off with non conductive material like lexan or finber glass or PC board....the silly phono motor fan can be replaced with a high efficiency muffin fan... to pressureize this PA compartment..

and Viola !

Oh and about the .3 volt drop you MUST have for the filaments... try pulling the filament current through about an inch of # 20 wire soldered between two legs of a terminal strip... that should get you your need voltage drop for normal tube life...

I got a letter from a fellow in the SE US who said he did this usuing a single 4x-250 I havent compared the specs on that tube.... but there is no doubt that the 4X-150 are a great match for the AX-9909.

811-A's can be used as a direct replacement for 809's in the Globe Champion Transmitters...no changes required.

Larry W6WUH ex KF6WV

Date: Thu, 19 Feb 1998 21:43:59 -0700 (MST)
From: Henry van Cleef <vancleef@netcom.com>
To: jkh@lexis-nexis.com
Cc: boatanchors@theporch.com
Subject: Re: Which Scope?
Message-ID: <199802200444.UAA06726@netcom16.netcom.com>

As John Heck discourses

>
> Folks,
> I am not a scope person but I am determined to learn to use one.
(snipped and reformatted to make it readable).
> Given that I am on a learning curve, at the bottom, but
> want to end up with the most useful instrument for my purposes
> (BC and HF SW radio work), which one should
> I buy? The choices are: a Tek 564, a 549, a 535, or a 531.

>
First of all, all old Tek scope fanciers should have a copy of Stan Griffiths' book on old Tek scopes. He reviews all these models and gives recommendations that I agree with.

The 564 is a storage scope with limited bandpass.

The 549 is also a storage scope, with much higher bandpass. In both cases, the CRT's are limited-life and replacements are hard to find.

531 and 535 are very similar, except that the 535 has a second time base, which is primarily valuable for digital work. I would pick one of these, depending on condition. The 531 does not have the B time base in it, so is lighter, draws less power, and has less things to go wrong, however, the 535 is a much more common model.

I am assuming that you are talking about 531 and 535, not 531A or 535A, which have major differences. The 531/535 were made 1953-59. They had 10 Mhz. vertical amplifiers and originally had selenium rectifiers. Most have been retrofitted with silicon rectifier kits, but you will want to check. Pop off the right hand cover and look for selenium stacks or a silicon diode pak on the right side of the center web. If the scopes you are looking at have a big can instead of removable side covers, you are looking at a very early scope.

The "A" models had silicon diode rectifiers and 15 Mhz. vertical bandpass. All of these have 6X10 cm. display areas. For reference, the 533 (non "A") has a 15 Mhz. vertical amp and was made 1958-60.

All of the above are superb bench scopes, and work with all of the "letter series" plug-ins, as well as the plug-ins prefixed "1A". Plug-ins are readily available at hamfests, and a shelf full of them will be easy to get, and give you a very versatile setup. Plug-ins contemporary with the non-A versions are prefixed with "53/54." Desirable plug-ins are CA, 1A1, and 1A2 dual-trace, 1A4 4-trace, K, B, and L. A CA will cover 90% of use with old stuff used with amateur radio. Get the correct manual for the scope from Deane Kidd (listed in Stan's book).

These scopes are not difficult to troubleshoot, repair, and calibrate. The Tek manuals speak of Tek test equipment used in calibration, but a good voltmeter, a signal generator, and reference to WWV will give you a good calibration.

For reference, my bench scope is a 533A, which does most everything I want with old equipment, and which I kept in preference to some of the "higher performance" models. Simple vertical amplifier, nice big display, and it will probably be running 40 years from now with next to no maintenance. Functionally, 531 and 533 series are identical except the 533 series has a 100X sweep magnifier vs. 5X only on the 531.

The best way to learn to use your scope is to use it and see what it does. The Tek manual will get you started. While the sweep speeds

and vertical sensitivities are calibrated, you will want to remember that a scope is primarily a qualitative instrument, to give you "the picture," and not a substitute for meters and other instruments if you want accuracy.

Happy scoping.

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=====
Hank van Cleef
=====

End of BOATANCHORS Digest 1930
